GALEA

Tactical helmet with active noise reduction ,improving the operational efficiency of AFV personnel

Key Features

- Full-spectrum noise reduction
- Range of noise cancellation microphones
- Flexible boom microphone
- Optional separate left and right earcups allowing for stereophonic hearing
- Comfortable fit
- Components can be retrofit to existing helmets
- Inner helmet (liner) and hard outer shell are both compatible with the GENTEX DH-132 Helmet
- Optional PNR (Passive Noise Reduction) system only

Elbit Systems
Land and C4I

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Specifically designed for use by armored vehicle personnel, the GALEA helmet offers crew members an unparalleled combination of active noise reduction (ANR), superior protection and utmost comfort. Leveraging their field-proven expertise in platform modernization and communications systems, Elbit Systems' tactical helmets enable effective radio and verbal communication between crew members, thereby improving operational efficiency.

Active noise reduction

The GALEA helmet with ANR generates an opposite phase soundwave, effectively cancelling out particularly loud vehicular noise. Superior to passive noise reduction (PNR) methods, ANR provides excellent attenuation at critical lower frequencies where vehicle noise predominates.

Noise cancellation microphone

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Effective communications

Each of the helmet's ergonomically designed earcups includes an independent ANR system and communication earphone. The left earcup includes a push-to-talk (PTT) switch with three positions: Radio, Intercom and OFF. The right earcup features a switch for ANR ON/OFF.

Protection

The GALEA tactical helmet can be integrated with two types of hard outer shells. The standard hard shell provides bump protection, while the ballistic hard shell provides both bump and bullet protection.

Communication cable

The upper cable assembly (including the AP-107 bailout connector) attaches to the lower cable assembly's AJ-107 bailout connector. A cable body clip is also available for use in securing the cable to the user's clothing.

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